



**United States Environmental Protection Agency
Region 9 Laboratory**

**1337 S. 46th Street Building 201
Richmond, CA 94804**

Date: 6/5/2012

Subject: Analytical Testing Results - Project R33911
SDG: 12145B

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

To: Richard Fetzer
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Purgeable Petroleum Hydrocarbons by GC/FID



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804

Phone:(510) 412-2300

Fax:(510) 412-2302

Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12145B

Reported: 06/05/12 13:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HW62	1205066-01	Water	05/22/12 15:59	05/24/12 09:50
TB55	1205066-02	Water	05/22/12 11:05	05/24/12 09:50
FB23	1205066-03	Water	05/23/12 13:25	05/24/12 09:50
HW63	1205066-04	Water	05/23/12 13:09	05/24/12 09:50
HW63z	1205066-05	Water	05/23/12 13:10	05/24/12 09:50
TB56	1205066-06	Water	05/23/12 09:55	05/24/12 09:50
FB22	1205066-07	Water	05/22/12 11:58	05/24/12 09:50
HW64	1205066-08	Water	05/22/12 11:10	05/24/12 09:50
HW64-P	1205066-09	Water	05/22/12 11:40	05/24/12 09:50
TB54	1205066-10	Water	05/22/12 08:10	05/24/12 09:50

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Work Order(s)

1205066



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205066-01						Water - Sampled: 05/22/12 15:59			
Sample ID: HW62						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			96 %	76-121%		"	"	"	
Lab ID: 1205066-02						Water - Sampled: 05/22/12 11:05			
Sample ID: TB55						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			96 %	76-121%		"	"	"	
Lab ID: 1205066-03						Water - Sampled: 05/23/12 13:25			
Sample ID: FB23						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			94 %	76-121%		"	"	"	
Lab ID: 1205066-04						Water - Sampled: 05/23/12 13:09			
Sample ID: HW63						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			97 %	76-121%		"	"	"	
Lab ID: 1205066-05						Water - Sampled: 05/23/12 13:10			
Sample ID: HW63z						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			98 %	76-121%		"	"	"	
Lab ID: 1205066-06						Water - Sampled: 05/23/12 09:55			
Sample ID: TB56						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			99 %	76-121%		"	"	"	
Lab ID: 1205066-07						Water - Sampled: 05/22/12 11:58			
Sample ID: FB22						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			99 %	76-121%		"	"	"	
Lab ID: 1205066-08						Water - Sampled: 05/22/12 11:10			
Sample ID: HW64						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			96 %	76-121%		"	"	"	
Lab ID: 1205066-09						Water - Sampled: 05/22/12 11:40			
Sample ID: HW64-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2E0155	05/25/12	05/25/12	8015C/SOP380



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1205066-09						Water - Sampled: 05/22/12 11:40			
Sample ID: HW64-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
<i>Surrogate: a,a,a-Trifluorotoluene</i>						B2E0155	05/25/12	05/25/12	
Lab ID: 1205066-10						Water - Sampled: 05/22/12 08:10			
Sample ID: TB54						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline						B2E0155	05/25/12	05/25/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>									

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2E0155 - 5030 P&T TPH-G - TPH - Purgeable						Prepared & Analyzed: 05/25/12				
Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control										
Blank (B2E0155-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene										
		120		"	125		96	76-121		
LCS (B2E0155-BS1)										
TPH as Gasoline	487			50 ug/L	500		97	75-114		200
Surrogate: a,a,a-Trifluorotoluene										
		121		"	125		97	76-121		
Matrix Spike (B2E0155-MS1)										
Source: 1205066-01										
TPH as Gasoline	517			50 ug/L	500	ND	103	71-114		11
Surrogate: a,a,a-Trifluorotoluene										
		121		"	125		97	76-121		
Matrix Spike Dup (B2E0155-MSD1)										
Source: 1205066-01										
TPH as Gasoline	522			50 ug/L	500	ND	104	71-114	0.9	11
Surrogate: a,a,a-Trifluorotoluene										
		122		"	125		98	76-121		



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Qualifiers and Comments

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.